

Appendix A

Agency

Institutional Controls Field Inspection Checklists and Minutes from Kick-off and Close-out Meetings

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4/10/01 p.m.

INSPECTOR: KATHY IVY USEPA WAG-3 MANAGER
Name Organization Title

INSPECTOR: MARGIE ENGLISH IDEQ WAG-3 MANAGER
Name Organization Title

1. Group Number or NFA Designation: 1
2. Identify security restrictions that would limit or control public trespass:
Yes Restricted Security Access to the INEEL
Yes Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: NONE
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land-use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 7.

See Item 8 (A)

Release Site	Description	Status of Remedial Action	Evidence of Human Intrusion	Observed Boundary Monuments	Observed Warning Signs/Barriers
CPP-15	Solvent burner E. of CPP-605	Pre-Design	<u>Yes</u>	<u>marker on NE corner, photo taken 4/10/01</u>	<u>Yes</u>
CPP-16	Contaminated soil from leak in line from CPP WM-181 to PEW Evaporator	Pre-Design			
CPP-20	CPP-604 Radioactive Waste Handling Area	Pre-Design			
CPP-24	CPP Tank Farm Area bucket spill	Pre-Design			
CPP-25	Contaminated soil in the Tank Farm area N of CPP-604	Pre-Design			
CPP-27	Contaminated soil in the Tank Farm Area E of CPP-604	Pre-Design			
CPP-28	Contaminated soil in Tank Farm Area S of WM-181 near VB A-6	Pre-Design			
CPP-30	Contaminated soil in the Tank Farm Area near valve box B-9	Pre-Design			
CPP-31	Contaminated soil in Tank Farm Area S of tank WM-183	Pre-Design			<u>1</u>

CPP-26

Release Site	Description	Status of Remedial Action	Evidence of Human Intrusion	Observed Boundary Monuments	Observed Warning Signs/Barriers
CPP-32	Contaminated soils in Tank Farm Area SW & NW of VB B-4	Pre-Design			
CPP-33	Contaminated soils in Tank Farm Area near WL-102 NE of CPP-604	Pre-Design			
* CPP-58	CPP PEW Evaporator overhead pipe spills	Pre-Design	Yes - **	Yes - Partial	Yes - partial set
CPP-79	Tank Farm release near VB A-2	Pre-Design			
CPP-96	Tank Farm Interstitial Soils	Pre-Design		xxx	Observed sign at TF south gate

** Group 1 drainage upgrade construction cut through this site
 xxx - we were told that corners of TF fence have been surveyed, but no markers exist

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records, such as work permits or personnel training records, were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

SEE ITEM 7.B

Release Site	CFLUP Review		Observed Work Permit(s)/RWP(s)	Observed Personnel Training Records	Observed NOD(s)	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-15			N/A	see item	N/A	
CPP-16				B(C)		
CPP-20						
CPP-24						
CPP-25						
CPP-26						
CPP-27						
CPP-28						
CPP-30						
CPP-31						
CPP-32						
CPP-33						
* CPP-58						
CPP-79						
CPP-96				✓		

- * Could not inspect signage along bldg due to on-going group 1 R.A. Construction

6. Listing of Work Permits/RWPs/NODs.* Deficiencies should be addressed in No. 7

No NODs or Work Permits were spot checked for this inspection year.		
Standard 101 Work Permits	Radiological Work Permits	Notices of Disturbance

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

A) Add CPP-26 to list of sites included in TF.
Also - an explanation on checklist regarding the NFA designation outside the fence would be helpful.

B) Since the CFlap is currently being updated we could not check those items pertaining to this record review (i.e., Observed Survey maps, Listing of required ICs and Observed Notice to Stakeholders)

IMPROVEMENTS:

8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection: _____

A) Suggest that The Table under Item #4 be revised in future checklists to show that within the TANK FARM Fence there are no survey markers and no individual site signs because the TANK Farm Liner must be protected. The only Group 1 sites for which the "evidence of human intrusion," "Observed Boundary Markers," "Observed Warning Signs/" Apply are CPP-15, CPP-58, CPP-26 which extend beyond TF boundary.

B) Site 96 -- would need to retain checklist question "Observed Warning Signs/Barriers"

I certify that the above inspection report is true and accurate to the best of my ability.

(C) We are NOT OBSERVING Personnel TRAINING Records as part of IC inspections for Group 1 this year.

* Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies.

Margie English 4-10-01
Inspector signature Date

[Signature] 4/10/01
Inspector signature Date

Rachel G. Collins Dec-10 4/10/01

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4/10/01 / P.M.

INSPECTOR: KATHY IVY WAG-3 MANAGER USEPA
Name Title Organization

INSPECTOR: MARGIE ENGLISH WAG-3 MANAGER IDEQ
Name Title Organization

- Group Number or NFA Designation: 2
- Identify security restrictions that would limit or control public trespass:
Yes Restricted Security Access to the INEEL
Yes Restricted Security Access to INTEC fenced boundary
- Release sites with land use other than Industrial: NONE
- Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land-use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 8.

Release Site	Description	Evidence of Human Intrusion	Observed Boundary Monuments	Observed Warning Signs/Barriers
CPP-02	Floor Drain W of CPP-603	No - observed from Bldg exterior		Yes - sign at entrance across way
CPP-41A	Fire Training Pits CPP-666 and CPP-663	NO see items	- No markers - survey spikes observed on north side, along edge - south side obscured by staging area	- Yes - HME near on north side - Yes - on south side - signs
CPP-60	Paint Shop at CPP-645	NONE	N/A	Yes - signs
CPP-68	Abandoned gasoline tank CPP VES-UTI-652	NONE	- markers on N. corners. Pins in sidewalk on south	Yes
CPP-80	CPP-601 Vent Tunnel drain leak	NONE	NONE	Yes
CPP-85	WCF Blower Corridor	NONE	- None - x	signs on 3 corners
CPP-86	CPP-602 Waste Trench Sump	NONE	No markers	Yes - single sign
CPP-87	CPP-604 VOG Blower cell sump and floor drain	NONE	NONE	Yes - single sign on entry door to bldg 605
CPP-89	CPP-604/605 tunnel excavation	NONE	NONE	Yes - single sign to express door

* we were told WCF Cap corners were surveyed

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records, such as work permits or personnel training records, were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

Release Site	CFLUP Review		Observed Work Permit(s)/RWP(s)	Observed* Personnel Training Records	Observed NOD(s)	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-02			N/A	N/A	N/A	
CPP-41A						
CPP-60						
CPP-68						
CPP-80						
CPP-85						
CPP-86						
CPP-87						
CPP-89						

- * Personnel Records were not observed as part of the IC inspection for
6. Provide the current status of any remedial actions at the release sites (i.e., a detailed description of the project's status based on the flowchart from Figure 3-1, Operable Unit 3-13 Group 2 Closure Evaluation Criteria and Checklist).

Group 2 this year

Release Site	Description
CPP-02	
CPP-41A	
CPP-60	
CPP-68	
CPP-80	
CPP-85	
CPP-86	
CPP-87	
CPP-89	

7. Listing of Work Permits/RWPs/NODs.^b Deficiencies should be addressed in No. 8.

No NODs or Work Permits for these sites w/in this inspection year

Standard 101 Work Permits	Radiological Work Permits	Notices of Disturbance

DEFICIENCIES:

8. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

ASPHALT/CONCRETE LOCATIONS
~~SITE 41A~~ ~~suggest extend survey markers be installed~~ ~~WME 4/11/01~~
~~SITE 41A & 68~~ ~~SURVEY PINS ARE ONLY PHYSICAL OPTION TO~~
~~MARK SURVEY POINTS, SO SIGNS AND PINS ARE SUFFICIENT.~~
 Item 5 - Since the CEUUP currently being updated we
 could not check those items pertaining to this
 record review (i.e., observed Survey maps, listing
 of required IC's and observed Notice to Stakeholders) *K.L. 4/14/01*

^b Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies.

IMPROVEMENTS:

9. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection:

~~add/change~~ "Observed Boundary Monuments" to
"Observed Boundary Monuments" as fixed Building structure.
The sites for Group 2 may be defined by the closing of a
facility as fence and so monuments were installed.

I certify that the above inspection report is true and accurate to the best of my ability.

Margie English
Inspector signature

4/10/01

Date

Kate M G
Inspector signature

4/10/01

Date

Rachel Williams RE-110

4/10/01

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-10-01, p.m.

INSPECTOR: MARGIE ENGLISH WAG-3 MANAGER IDEQ
Name Title Organization

INSPECTOR: KATHY IVY WAG-3 MANAGER USEPA
Name Title Organization

1. Group Number or NFA Designation: 3
2. Identify security restrictions that would limit or control public trespass:
Yes Restricted Security Access to the INEEL
Yes Restricted Security Access to INTEC fenced boundary
3. Release sites with land use other than Industrial: NONE
4. Release Site IDs, descriptions, and visual inspection matrix. On the table below please indicate "YES" or "NO" for observations based upon the visual inspection. If actions have been taken associated with remediation, site changes, or changes in land-use, take photographs and fill out the "Site Inspection Photo Number Log" for the annual report. Sign location specifications are provided in the ICP. Deficiencies should be addressed in No. 8.

Release Site	Description	Status of Remedial Action	Evidence of Human Intrusion	Observed Boundary Monuments	Observed Warning Signs/Barriers
CPP-01	Concrete settling basin E of CPP-603	Pre-Design	NONE	Yes	Yes
CPP-03	Temporary Storage Area SE of CPP-603	Pre-Design	NONE	Yes	Yes
CPP-04	Contaminated Soil Area near CPP-603 Settling Tank	Pre-Design	NONE	Yes	Yes
CPP-05	Contaminated Soil Area near CPP-603 Settling Basin	Pre-Design	NONE	Shores - Survey markers with CPP-04	No - See item 7
CPP-08	CPP-603 basin filter line failure	Pre-Design	NONE	Observed markers on NE + NW corners	Yes
CPP-09	Soil contamination NE corner of CPP-603 SB	Pre-Design	NONE	Yes - SE + NE monuments	Yes
CPP-10	CPP-603 plastic pipe break	Pre-Design	NONE	Yes 3 corners (NW corner has monument)	Yes
CPP-11	CPP-603 sludge and water release	Pre-Design	NONE	Yes - SW corner stamped on monument	Yes
CPP-13	Pressurization of solid storage cyclone NE of CPP-603	Pre-Design	NONE	Observed markers at base of berm	Yes at base of berm
CPP-14	Old Sewer Treatment Plant W of CPP-604	Pre-Design	NONE	Yes	Yes
CPP-19	CPP-603 to CPP-604 line leak	Pre-Design	NONE	Yes	Yes
CPP-34	Soil storage area (disposed trenches) in the northeast corner of the ICPP	Pre-Design	NO	Yes	Yes

xx - no observed monuments - were told that fence corners have been surveyed

Release Site	Description	Status of Remedial Action	Evidence of Human Intrusion	Observed Boundary Monuments	Observed Warning Signs/Barriers
CPP-35	CPP-633 decontamination spill	Pre-Design	NO ¹	Yes, ^{NOT ON} NE corner	Yes
CPP-36	Transfer Line leak from CPP-633 to WL-102	Pre-Design	NO	NO - underneath vent structure - also painted w/epi OLEF	Yes
CPP-37A/B	Gravel Pits and Debris Landfill in/out of INTEC	Pre-Design	Yes *	Yes	Yes
CPP-44	Grease Pit S of CPP-608	Pre-Design	NO	Yes	Yes
CPP-48	French Drain S of CPP-633	Pre-Design	NO	Yes	Yes
CPP-55	Mercury contamination area S of CPP-t-15	Pre-Design	NO	Yes	Yes
CPP-67	CPP Perc Ponds #1 and #2	Pre-Design	NO	NO **	signs - Yes
CPP-91	CPP-633 blower pit drain	Pre-Design	NO	painted on OLEF	locked fence
CPP-92	Soil boxes W of CPP-1617	Pre-Design	NO	NO **	signs - Yes
CPP-93	Simulated calcine disposal	Pre-Design	NO	NO **	locked fence
CPP-97	Tank Farm soil stockpiles	Pre-Design	NO	Yes	signs - Yes
CPP-98	Tank Farm shoring boxes	Pre-Design	NO	**	locked fence
CPP-99	Boxed soil	Pre-Design	NO	**	signs - Yes

MHE
K.I. 4/10/01
RRC 4/1/01

* 37A - is a large excavation - MHE

* LARGE EXCAVATION IS EVIDENT - NO UNAUTHORIZED HUMAN INTERVENTION EVIDENT - VEGETATION INTACT K.I. 4/10/01

5. Institutional Controls records review. On the table below, please indicate "YES", "NO", or "NA" for records reviewed during the inspection. Answers of "NA" indicate that the records, such as work permits or personnel training records, were not applicable at the time of the inspection (i.e., release site not accessed for work purposes).

See ITEM 7B

Release Site	CFLUP Review		Observed Work Permit(s)/RWP(s)	Observed Personnel Training Records	Observed NOD(s)	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-01				See item 8(a)		
CPP-03			See item 8(a)		Yes	
CPP-04						
CPP-05						
CPP-08						
CPP-09						
CPP-10						
CPP-11						
CPP-13						
CPP-14						
CPP-19						
CPP-34				✓		

Release Site	CFLUP Review		Observed Work Permit(s)/RWPs	Observed Personnel Training Records	Observed NOD(s)	Observed Notices to Affected Stakeholders
	Observed Surveyed Maps	Listing of Required ICs				
CPP-35						
CPP-36						
CPP-37A/B						
CPP-44						
CPP-48						
CPP-55						
CPP-67						
CPP-91						
CPP-92						
CPP-93						
CPP-97						
CPP-98						
CPP-99						

6. Listing of Work Permits/RWPs/NODs.^c Deficiencies should be addressed in No. 7.

Standard 101 Work Permits	Radiological Work Permits	Notices of Disturbance
did not review this document	SPOT CHECKED work Order 39511	SPOT CHECKED DØ1-Ø3
See general inspection	comment regarding	NODs 8(c)

^c Agency inspectors may assess a random sampling of this information to determine if there are any deficiencies.

DEFICIENCIES:

7. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

- A) * - ~~NO~~ signs to indicate Site CPP-05
- B) Item #5 -- Since the CFLUP is currently being updated, we could not check those items pertaining to this record review (i.e., observed survey maps, listing of required IC's and Observed Notice to Stakeholders.)

IMPROVEMENTS:

8. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection: _____

A) Suggest that Work Permit Finalization process be described in IC Plan text. Since the Work Permit we observed had no signatures, although we were told that signatures are not obtained for this document to be finalized for activity to occur.

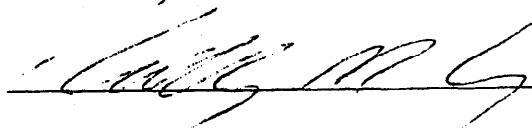
B) We are not observing Personnel Training Records as part of the IC inspection for Group 3 this year.

(C) See general inspection comment:

For the next IC inspection, we request that a list of all NOAs completed within the year preceding the inspection be provided to the Agencies at least 2 weeks prior to the inspection date. The Agencies will select several NOAs (not to exceed 5) from the list, and notify USOE of their choice, at least 1 week prior to the inspection. We request that completed NOAs, work permits, and computerized training record listings be made available for those recorded activities during the inspection.

ME to suggest

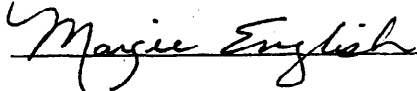
I certify that the above inspection report is true and accurate to the best of my ability.



Inspector signature

04/11/01

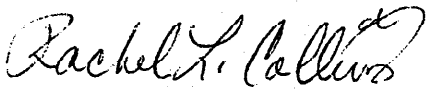
Date



Inspector signature

4/11/01

Date



DOE-10

4/11/01

WAG 3, OU 3-13 INSTITUTIONAL CONTROL FIELD INSPECTION CHECKLIST

DATE(S)/TIME(S): 4-10-01 / a.m.

INSPECTOR: MARGIE ENGLISH WAG-3 MANAGER IDEQ
Name Title Organization

INSPECTOR: KATHY IVY WAG-3 MANAGER USEPA
Name Title Organization

1. Group Number or NFA Designation: 4
2. Identify security restrictions that would limit or control public trespass:
Yes Restricted Security Access to the INEEL
Yes Restricted Security Access to INTEC fenced boundary
3. Release Site ID and Description: CPP-83 Perched Water System at INTEC CPP 55-06
4. Release sites with land use other than Industrial: NONE
5. Provide the current status of any remedial actions at the release sites, e.g., remedial design, construction, O&M, etc:
Remedial Action -- Phase I
6. Visual inspection matrix. If actions have been taken that would modify or close a monitoring well or respond to a deficiency identified in a previous inspection, take photographs and fill out "The Site Inspection Photo Number Log" for the annual report.

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)
CPP-33-1						
CPP-33-2						
CPP-33-3						
CPP-37-4						
CPP-55-06						
PW-1						
PW-2	Yes	Yes	good	NONE	Yes	NONE
PW-3	Yes	Yes	good	good	Yes	NONE
PW-4	Yes	Yes	good	NONE	Yes	NONE

Well ID	Well ID Label Intact and Readable?	Locked?	Abutment Condition	Concrete Pad Condition	Surveyed Location Map Available?	Evidence of Human Intrusion (i.e., unauthorized drilling, unlocked or missing well lock)

7. Are any non-CERCLA wells operating in the groundwater IC restriction area?

YES * NO NA

If YES, describe the wells and what program(s) they operate under.

* NOT ALL NON-CERCLA WELLS WERE INSPECTED BY EPA/IDEX; SEE NOTE (1) IN "IMPROVEMENTS" SECTION.

8. Does a DOE-ID Directive exist that restricts drilling into contaminated zones at OU 3-13 or the INEEL?

YES NO *

If NO Explain:

* DOE IS RESEARCHING CURRENT REQUIREMENTS THAT MAY WORK IN PLACE OF A NEW DOE-ID DIRECTIVE (E.G., NEPP, NOD) AND WILL PROVIDE THIS INFORMATION TO THE AGENCIES FOR CONCURRENCE.

9. Have required notices been sent to affected stakeholders (if applicable)?

YES NO NA

If NO Explain:

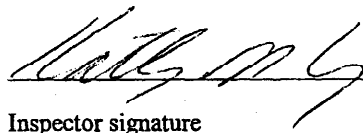
DEFICIENCIES:

10. Provide a description of any deficiencies and what efforts or measures have been or will be taken to correct problems: _____

IMPROVEMENTS:

11. Describe any additional IC requirements that may be necessary due to unique circumstances observed during the visual inspection:

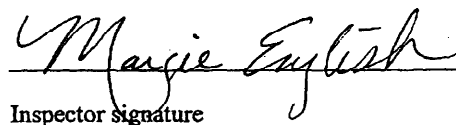
(1) PRIOR TO THE 04/10/01 FIELD INSPECTION, THE AGENCIES SPONSOR
WITH EARL NEHR CONCERNING GROUP 4 & 5 WELL CHECKLISTS.
THESE CHECKLISTS COVER IC-TYPE CHECKS SUCH AS NOTING UNSAFE
OR UNUSUAL CONDITIONS AT THE WELL HEADS. RATHER THAN
DUPLICATE EFFORTS, COPIES OF THESE CHECKLISTS WILL BE INCLUDED
BEGINNING WITH THE 2002 ICMR. WELLS NOT COVERED BY A CHECKLIST
WILL BE INCLUDED AS PART OF IC INSPECTIONS FOR THAT YEAR. IN
ANTICIPATION OF THIS CHANGE IN PROCESS, EPA/DOE ONLY PERFORMED
A SPOT CHECK OF A FEW SITE WELLS.
I certify that the above inspection report is true and accurate to the best of my ability.



Inspector signature

04/11/01

Date



Inspector signature

4/11/01

Date

 DOE-ID 4/11/01